



**City of Havre de Grace
Department of Public Works**

711 Pennington Avenue • Havre de Grace, MD 21078
Phone: 410-939-1800 ext. 1130 • Fax: 410-939-7527

**Standard Stormwater Management Plan for
Single Lot Residential Construction**

Grading Permit # _____

Building Permit # _____

The requirements for stormwater management found in the City’s Stormwater Management Code, Chapter 169 and the Code of Maryland Regulations (COMAR) will be satisfied if Environmental Site Design (ESD) practices are used to the Maximum Extent Practicable (MEP) to treat runoff according to Chapter 5 of the 2000 Maryland Stormwater Design Manual, Volumes I and II and all subsequent revisions. **For coverage under this standard plan, a final lot grading plan must be attached.**

Owner/Developer Information

_____	_____	_____	_____	_____
Last Name	First Name	MI	Phone	E-mail Address
_____		_____	_____	_____
Present Address (No. & Street)		City/Town	State	Zip Code

Builder/Contractor Information

_____	_____	_____	_____	_____
Last Name	First Name	MI	Phone	E-mail Address
_____		_____	_____	_____
Present Address (No. & Street)		City/Town	State	Zip Code

Project/Site Information

_____	_____	_____	_____
Project Address (No. & Street)	City/Town	State	Zip Code

_____	_____	_____	_____
Tax Map	Parcel	Lot	Deed Reference – Liber/Folio

Lot Size: _____ square feet Total area of disturbance: _____ square feet

	Existing	Proposed
Building Footprint	_____	_____
Driveway & Park Area	_____	_____
Sidewalk:	_____	_____
Deck, Patio or Slab:	_____	_____
Other Impervious (sheds, garage, etc...):	_____	_____
Total Site Impervious Area:	_____	_____
Site Impervious Coverage Proposed:	_____ %	_____ %
Receiving Watercourse (nearest named):	_____	_____
Drainage Bain Numbers (8 & 12 Digits):	_____	_____

The proposed project must meet all the limitations shown below, or an engineered stormwater management plan submitted in accordance with Section 169-13 of the City's Stormwater Management Ordinance will be required.

1. Total land area disturbed during construction shall be less than 30,000 square feet and total volume of earth movement shall be less than 500 cubic yards;
2. No slopes 3 horizontal to 1 vertical (3:1) or steeper will be disturbed or created;
3. Cuts and/or fills shall not exceed 10 feet in depth or height;
4. No earth disturbance shall occur within 50 feet of any perennial stream, waterbody, mean high water line of any water body affected by tidal action, or tidal wetland;
5. No earth disturbance shall occur within 25 feet of any non-tidal wetland or within 100 feet of any non-tidal wetland of special State concern;
6. The proposed work does not occur within any 100-year floodplain;
7. The owner, builder, or developer is not the same owner, builder, or developer of any contiguous lots undergoing development;
8. The project scope is single lot residential construction on an existing lot of record and is not within a developing subdivision;
9. Total site impervious cover shall not exceed 15% of the lot size to use the standard plan;
10. This Standard Plan shall not be used in areas of special concern (e.g. karst geology, sinkhole activity, surface water supply reservoirs, wellhead protection areas, sensitive stream systems, etc.) or if site conditions such as slope, soil type, high groundwater, etc. present a challenge; and
11. Documentation must be submitted to show that ESD has been implemented to the MEP before structural practices found in the (Manual) that address these characteristics and specified by the City of Havre de Grace Department of Public Works is/are used.

Conditions:

The following conditions for design and construction shall be met and maintained. All stormwater management systems shall be designed by integrating site design, natural hydrology, and smaller controls to capture and treat runoff onsite. The standard for characterizing predevelopment runoff characteristics for new development projects shall be woods in good hydrologic condition. If the following design conditions are met, all stormwater management obligations will be satisfied. **The Applicant is required to engage a qualified design consultant, at the applicant's cost, to prepare a final lot grading plan for the site.**

Design:

1. All ESD practices shall be designed and located to prevent basement seepage, flooding, soil erosion, increases in nonpoint pollution and minimize pollutants in stormwater runoff from both new and redevelopment.
2. All rooftop downspouts shall discharge to and drain continuously through at least 75 feet of vegetation (e.g. vegetated channel, swale, or filter strip) in a non-erosive manner to the property line. The average slope of areas identified for rooftop or non-rooftop disconnection shall be 5% or less.
3. To the extent practical, all other site impervious areas shall drain and discharge continuously through vegetation in a non-erosive manner. The length shall be equal to that of contributing impervious area.
4. All access roads and/or driveways constructed for this project shall use open sections in lieu of curb and gutter.
5. ESD practices may be used in lieu of providing the required rooftop and other impervious area vegetation lengths.
6. Design constraints specific to each ESD practice as specified in the Manual must be addressed.
7. The total impervious area draining to any ESD practice shall conform to the specifications listed in the Manual.
8. The drainage area to each rooftop downspout shall be 500 square feet or less. Drainage areas to individual downspouts greater than 500 square feet shall be treated using rain gardens, rain barrels, or other similar practices as approved by MDE/WMA or Havre de Grace Department of Public Works.

9. The total impervious area draining to any single discharge point shall be 1,000 square feet or less.
10. If site conditions exist (such as slope, soil type, high groundwater, etc...) that prevent all conditions of this Standard Plan from being met, the Owner/Developer shall implement those practices found in both the Design Manual and the City of Havre de Grace Stormwater Management Ordinance to insure compliance with the stormwater requirements.

Construction:

1. The Havre de Grace Department of Public Works shall be contacted at least 48 hours prior to the start of construction. Work may not begin at the site until a preconstruction meeting is held with or waived by the Department of Public Works.
2. All stormwater practices and/or runoff controls shall be installed and maintained according to this Standard Plan and the criteria contained in Chapter 5 of the Manual. Subsequent alteration or modification of these practices requires the approval from the Department of Public Works and the Maryland Department of the Environment.
3. The applicant/owner shall maintain in good condition all stormwater practices constructed in accordance with the Standard Plan and the Havre de Grace Stormwater Ordinance. This requirement shall be binding on all future owners of the property through the recordation of an easement.
4. The property owner shall promptly repair and/or restore all stormwater practices found in non-compliance by the Department of Public Works. Failure by the property owners to comply to these requirements may subject the property owner to legal action as specified in the Havre de Grace Stormwater Management Ordinance.
5. Access to the site will be made available at all reasonable times during construction and with reasonable notification after construction for inspection by the Department of Public Works.
6. The applicant/homeowners shall promptly repair and/or restore all stormwater practices found in non-compliance by the Department of Public Works.
7. The Department of Public Works reserves the right to deny approval under this Standard Plan and require that a design be prepared according to the Department of Public Works and the Manual.
8. Nothing in this Standard Plan relieves the applicant from complying with any all federal, State, and local laws and regulations. It is the applicant's responsibility to obtain all necessary permits.
9. At a minimum, inspections shall be made by the Department of Public Works or by a professional engineer licensed in the State of Maryland, and documented for each ESD planning technique and practice upon completion of final grading, establishment of permanent stabilization, and submitted to both the Department of Planning & Zoning and Public Works prior to issuance of certificate of use and occupancy.
10. Coverage under this Standard Plan shall remain valid for (2) two years from the date of approval.

I hereby certify that I have the authority to make application to this Standard Plan; that the information contained herein is correct and accurate; and that all clearing, grading, construction, and development will be conducted according to the above Requirements, Conditions and Project Information.

Signature of Applicant

Date

Printed Name of Applicant

Approved by (DPW Representative)

Date